[0051] FIGS. **5-19** show and describe additional embodiments of accessory devices. Although not all structures, features, and functions are explicitly described, the accessory devices shown and described in FIGS. **5-19** may include several (and in some cases, all) components and associated features shown and described for the accessory device **100** in FIGS. **1** and **2**. Further, the accessory devices shown and described in FIGS. **5-19** can be used with the electronic device **170** shown in FIGS. **3** and **4**.

[0052] FIG. **5** illustrates a front isometric view of an alternate embodiment of an accessory device **200**, showing the accessory device **200** with a connector **236**, in accordance with some described embodiments. The accessory device **200** includes a receptacle **202** designed to receive and carry an electronic device (not shown in FIG. **5**). The accessory device **200** further includes a cover **204** that is connected to the receptacle **202** by a hinge **206**. The receptacle **202** includes a sidewall **212** on which the connector **236**, or plug, is located. The sidewall **212** may include openings **220***a* and openings **220***b* to provide an acoustical pathway for speaker modules and/or microphones (not shown in FIG. **5**) of an electronic device. The openings **220***a* and openings **220***b* align with the openings **185***a* and the openings **185***b*, respectively, of the electronic device **170** (shown in FIG. **3**).

[0053] When an electronic device is positioned in the receptacle **202**, the connector **236** electrically and mechanically couples to a data port (such as the data port **184**, shown in FIG. **3**). Also, the accessory device **200** includes a port **238** that can electrically and mechanically connects to a connector of a cable assembly (not shown in FIG. **5**). The port **238** is electrically coupled to the connector **236**. Accordingly, the connector **236** can transmit, to an electronic device in the receptacle **202**, power and data received by the port **238**.

[0054] The cover **204** includes a power supply **222** (shown as dotted lines) and a compartment **224** that stores the power supply **222**. Further, the accessory device **200** may include a flexible circuit **226** (shown as dotted lines) that electrically connects to the power supply **222** and the connector **236**. As shown, the flexible circuit **226** extends from (and is embedded in) the cover **204** into the receptacle **202**. The flexible circuit **226** is also embedded in the hinge **206**. When an electronic device is positioned in the receptacle **202**, the connector **236** is in electrical communication with the electronic device and the power supply **222** can provide energy to charge a power supply of the electronic device (such as the power supply **186** shown in FIG. **3**).

[0055] FIG. **6** illustrates a rear isometric view of an embodiment of an accessory device **300** and an electronic device **370** positioned in the accessory device **300**, in accordance with some described embodiments. As shown, the accessory device **300** includes a receptacle **302** designed to receive and carry the electronic device **370**. The accessory device **300** further includes a cover **304** that is connected to the receptacle **302** by a hinge **306**. The cover **304** includes a power supply **322** and a compartment **324** that stores the power supply **322**.

[0056] The receptacle **302** may include contacts **328***a* designed to electrically couple with respective contacts of an external device (not shown in FIG. **6**), such as a power supply or external electronic device. In this regard, when the electronic device **370** is positioned in the receptacle **302**, the accessory device **300** can receive power and data, via the contacts **328***a*, and transmit the power and data to the electronic device **370**. Although not shown, the accessory device **300** may include contacts (similar to the contacts **128**, shown in FIG. **3**) or a connector (similar to the connector **236**, shown in FIG. **5**), as well as associated circuitry and cables to electrically couple these devices to the power supply **322** and/or the contacts **328***a*.

[0057] The cover **304** may include contacts **328***b* designed to electrically couple with respective contacts of an external device (not shown in FIG. **6**), such as a power supply. The contacts **328***b* can be electrically coupled to the power supply **322**, and accordingly, the external device can provide energy, via the contacts **328***b*, to the power supply **322**. Although not shown, the accessory device **300** may include a single set of contacts on either the receptacle **302** and/or the cover **304**, with the single set of contacts providing all of the functions described for the contacts **328***a* and the contacts **328***b*.

[0058] Also, the receptacle **302** includes a wall **308** with an opening **314** for a camera module **394** and a flash module **396** of the electronic device **370**. Due to the power supply **322** and the compartment **324** being laterally displaced from the electronic device **370**, as shown in FIG. **6**, light provided by the flash module **396** is not reflected from an object (not shown in FIG. **6**), the image of which being captured by the camera module **394**, and onto structural elements of the accessory device **300**. As a result, the light is not reflected of off the accessory device **300** (including the wall **308**), and an image captured by the camera module **394** does not include undesired effects, such as a color or tint of the accessory device **300** applied to the image.

[0059] FIG. **7** illustrates a rear isometric view of an alternate embodiment of an accessory device **400**, showing the accessory device **400** with a charging module **442**, in accordance with some described embodiments. The accessory device **400** includes a receptacle **402** designed to receive and carry an electronic device (not shown in FIG. **7**). The accessory device **400** further includes a cover **404** that is connected to the receptacle **402** by a hinge **406**. The cover **304** includes a power supply **422** and a compartment **424** that stores the power supply **422**.

[0060] The charging module **442**, located on the cover **404**, may include an inductive charging module. In this regard, the charging module **442** may include an inductive charging receiver coil designed to receive energy (through electromagnetic or magnetic induction) that is used to charge the power supply **422**. Although the charging module **442** is located on the cover **404** of the accessory device **400**, in some embodiments (not shown in FIG. **7**), the charging module **442** is located on the receptacle **402**.

[0061] FIG. **8** illustrates a plan view of an embodiment of an accessory device **500**, showing the accessory device **500** with a cover **504** that holds a power supply **522***a* that is removable from the cover **504**, in accordance with some described embodiments. As shown, the accessory device **500** includes a receptacle **502** designed to receive and carry an electronic device (not shown in FIG. **8**). The cover **504** is connected to the receptacle **502** by a hinge **506**. The cover **504** includes a power supply **522***a* and a sleeve **532** in which the power supply **522***a* is positioned.

[0062] The power supply **522***a* is designed as a removable power supply. In this regard, the power supply **522***a* may be removed from the accessory device **500** by pulling the power supply **522***a* out of the sleeve **532**. The power supply